

CALIBRATION OF A MULTI COLOR IMAGING SYSTEM USING A PREDICTED COLOR SHIFT

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ABSTRACT

A method for predicted the settled appearance of a test patch printed by an imaging system by applying a transfer function to the color of a freshly printed test patch. The transfer function may be formulated to take into account a variety of environmental conditions, such as humidity or temperature, or post-printing processes, such as lamination. The predicted settled test patch color may be exported to an external image processor, or the imaging system processor may internally compare the predicted settled test patch color with the desired test patch color in order to calibrate the color map used by the imaging system.